

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/ 549,665
Source: IFWP
Date Processed by STIC: 8/21/06

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 08/21/2006

PATENT APPLICATION: US/10/549,665

TIME: 14:46:15

Input Set : 2:\Revised Sequence Listing filed 2006-06-27.txt

Output Set: N:\CRF4\08212006\J549665.raw

3 <110> APPLICANT: Merlo, Adrian
 4 Macke, Helmut
 5 Reubi, Jean-Claude
 6 Good, Stephan
 8 <120> TITLE OF INVENTION: Radiopharmaceuticals for Cancer Diagnosis and Treatment
 10 <130> FILE REFERENCE: 2005_1392A
 12 <140> CURRENT APPLICATION NUMBER: 10/549,665
 13 <141> CURRENT FILING DATE: 2005-09-19
 15 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/050329
 16 <151> PRIOR FILING DATE: 2004-03-18
 18 <160> NUMBER OF SEQ ID NOS: 19
 20 <170> SOFTWARE: PatentIn version 3.3
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 11
 24 <212> TYPE: PRT
 25 <213> ORGANISM: Homo sapiens
 27 <400> SEQUENCE: 1
 29 Arg Pro Lys Pro Gln Gln Phe Phe Gly Leu Met
 30 1 5 10
 33 <210> SEQ ID NO: 2
 34 <211> LENGTH: 11
 35 <212> TYPE: PRT
 36 <213> ORGANISM: Artificial
 38 <220> FEATURE:
 39 <223> OTHER INFORMATION: Synthetic Construct
 42 <220> FEATURE:
 W--> 43 <221> NAME/KEY: Residue
 44 <222> LOCATION: (11)..(11)
 45 <223> OTHER INFORMATION: Xaa = methionine-sulfone or methionine-sulfoxide
 47 <400> SEQUENCE: 2
 W--> 49 Arg Pro Lys Pro Gln Gln Phe Phe Gly Leu Xaa
 50 1 5 10
 53 <210> SEQ ID NO: 3
 54 <211> LENGTH: 11
 55 <212> TYPE: PRT
 56 <213> ORGANISM: Artificial
 58 <220> FEATURE:
 59 <223> OTHER INFORMATION: Synthetic Construct
 61 <400> SEQUENCE: 3
 63 Arg Pro Lys Pro Gln Gln Phe Phe Gly Leu Ile
 64 1 5 10
 67 <210> SEQ ID NO: 4
 68 <211> LENGTH: 11

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69 <212> TYPE: PRT
 70 <213> ORGANISM: Artificial
 72 <220> FEATURE:
 73 <223> OTHER INFORMATION: Synthetic Construct
 75 <400> SEQUENCE: 4
 77 Arg Pro Lys Pro Gln Gln Phe Phe Gly Ile Met

78 1 5 10

81 <210> SEQ ID NO: 5

82 <211> LENGTH: 11

83 <212> TYPE: PRT

84 <213> ORGANISM: Artificial

86 <220> FEATURE:

87 <223> OTHER INFORMATION: Synthetic Construct

90 <220> FEATURE:

W--> 91 <221> NAME/KEY: Residue

92 <222> LOCATION: (9)..(9)

93 <223> OTHER INFORMATION: Xaa = N-methylglycine (sarcosine)

95 <400> SEQUENCE: 5

W--> 97 Arg Pro Lys Pro Gln Gln Phe Phe Xaa Leu Met

98 1 5 10

101 <210> SEQ ID NO: 6

102 <211> LENGTH: 11

103 <212> TYPE: PRT

104 <213> ORGANISM: Artificial

106 <220> FEATURE:

107 <223> OTHER INFORMATION: Synthetic Construct

110 <220> FEATURE:

W--> 111 <221> NAME/KEY: Residue

112 <222> LOCATION: (7)..(7)

113 <223> OTHER INFORMATION: Xaa = 3-(2-thienyl)-alanine

115 <400> SEQUENCE: 6

W--> 117 Arg Pro Lys Pro Gln Gln Xaa Phe Gly Leu Met

118 1 5 10

121 <210> SEQ ID NO: 7

122 <211> LENGTH: 11

123 <212> TYPE: PRT

124 <213> ORGANISM: Artificial

126 <220> FEATURE:

127 <223> OTHER INFORMATION: Synthetic Construct

130 <220> FEATURE:

W--> 131 <221> NAME/KEY: Residue

132 <222> LOCATION: (8)..(8)

133 <223> OTHER INFORMATION: Xaa = 3-(2-thienyl)-alanine

135 <400> SEQUENCE: 7

W--> 137 Arg Pro Lys Pro Gln Gln Phe Xaa Gly Leu Met

138 1 5 10

141 <210> SEQ ID NO: 8

142 <211> LENGTH: 11

143 <212> TYPE: PRT

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144 <213> ORGANISM: Artificial
146 <220> FEATURE:
147 <223> OTHER INFORMATION: Synthetic Construct
150 <220> FEATURE:
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152 <222> LOCATION: (7)..(7)
153 <223> OTHER INFORMATION: Xaa = 3-(2-thienyl)-alanine
155 <220> FEATURE:
W--> 156 <221> NAME/KEY: Residue
157 <222> LOCATION: (8)..(8)
158 <223> OTHER INFORMATION: Xaa = 3-(2-thienyl)-alanine
160 <400> SEQUENCE: 8
W--> 162 Arg Pro Lys Pro Gln Gln Xaa Xaa Gly Leu Met
163 1 5 10
166 <210> SEQ ID NO: 9
167 <211> LENGTH: 11
168 <212> TYPE: PRT
169 <213> ORGANISM: Artificial
171 <220> FEATURE:
172 <223> OTHER INFORMATION: Synthetic Construct
174 <400> SEQUENCE: 9
176 Arg Pro Arg Pro Gln Gln Phe Phe Gly Leu Met
177 1 5 10
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181 <211> LENGTH: 11
182 <212> TYPE: PRT
183 <213> ORGANISM: Artificial
185 <220> FEATURE:
186 <223> OTHER INFORMATION: Synthetic Construct
189 <220> FEATURE:
W--> 190 <221> NAME/KEY: Residue
191 <222> LOCATION: (3)..(3)
192 <223> OTHER INFORMATION: Xaa = Ornithine
194 <400> SEQUENCE: 10
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197 1 5 10
200 <210> SEQ ID NO: 11
201 <211> LENGTH: 11
202 <212> TYPE: PRT
203 <213> ORGANISM: Artificial
205 <220> FEATURE:
206 <223> OTHER INFORMATION: Synthetic Construct
209 <220> FEATURE:
W--> 210 <221> NAME/KEY: Residue
211 <222> LOCATION: (9)..(9)
212 <223> OTHER INFORMATION: Xaa = N-methylglycine
214 <220> FEATURE:
W--> 215 <221> NAME/KEY: Residue
216 <222> LOCATION: (11)..(11)

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217 <223> OTHER INFORMATION: Xaa = methionine-sulfone
219 <400> SEQUENCE: 11
W--> 221 Arg Pro Lys Pro Gln Gln Phe Phe Xaa Leu Xaa
222 1 5 10
225 <210> SEQ ID NO: 12
226 <211> LENGTH: 11
227 <212> TYPE: PRT
228 <213> ORGANISM: Artificial
230 <220> FEATURE:
231 <223> OTHER INFORMATION: Synthetic Construct
234 <220> FEATURE:
W--> 235 <221> NAME/KEY: Residue
236 <222> LOCATION: (8)..(8)
237 <223> OTHER INFORMATION: Xaa = 3-(2-thienyl)-alanine
239 <220> FEATURE:
W--> 240 <221> NAME/KEY: Residue
241 <222> LOCATION: (11)..(11)
242 <223> OTHER INFORMATION: Xaa = methionine-sulfone
244 <400> SEQUENCE: 12
W--> 246 Arg Pro Lys Pro Gln Gln Phe Xaa Gly Leu Xaa
247 1 5 10
250 <210> SEQ ID NO: 13
251 <211> LENGTH: 11
252 <212> TYPE: PRT
253 <213> ORGANISM: Artificial
255 <220> FEATURE:
256 <223> OTHER INFORMATION: Synthetic Construct
259 <220> FEATURE:
W--> 260 <221> NAME/KEY: Residue
261 <222> LOCATION: (7)..(7)
262 <223> OTHER INFORMATION: Xaa = 3-(2-thienyl)-alanine
264 <220> FEATURE:
W--> 265 <221> NAME/KEY: Residue
266 <222> LOCATION: (9)..(9)
267 <223> OTHER INFORMATION: Xaa = N-methylglycine
269 <220> FEATURE:
W--> 270 <221> NAME/KEY: Residue
271 <222> LOCATION: (11)..(11)
272 <223> OTHER INFORMATION: Xaa = methionine-sulfone
274 <400> SEQUENCE: 13
W--> 276 Arg Pro Lys Pro Gln Gln Xaa Phe Xaa Leu Xaa
277 1 5 10
280 <210> SEQ ID NO: 14
281 <211> LENGTH: 11
282 <212> TYPE: PRT
283 <213> ORGANISM: Artificial
285 <220> FEATURE:
286 <223> OTHER INFORMATION: Synthetic Construct
289 <220> FEATURE:

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W--> 290 <221> NAME/KEY: Residue
      291 <222> LOCATION: (8)..(8)
      292 <223> OTHER INFORMATION: Xaa = 3-(2-thienyl)-alanine
      294 <220> FEATURE:
W--> 295 <221> NAME/KEY: Residue
      296 <222> LOCATION: (9)..(9)
      297 <223> OTHER INFORMATION: Xaa = N-methylglycine
      299 <220> FEATURE:
W--> 300 <221> NAME/KEY: Residue
      301 <222> LOCATION: (11)..(11)
      302 <223> OTHER INFORMATION: Xaa = methionine-sulfone
      304 <400> SEQUENCE: 14
W--> 306 Arg Pro Lys Pro Gln Gln Phe Xaa Xaa Leu Xaa
      307 1 5 10
      310 <210> SEQ ID NO: 15
      311 <211> LENGTH: 11
      312 <212> TYPE: PRT
      313 <213> ORGANISM: Artificial
      315 <220> FEATURE:
      316 <223> OTHER INFORMATION: Synthetic Construct
      319 <220> FEATURE:
W--> 320 <221> NAME/KEY: Residue
      321 <222> LOCATION: (7)..(7)
      322 <223> OTHER INFORMATION: Xaa = 3-(2-thienyl)-alanine
      324 <220> FEATURE:
W--> 325 <221> NAME/KEY: Residue
      326 <222> LOCATION: (9)..(9)
      327 <223> OTHER INFORMATION: Xaa = N-methylglycine
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W--> 331 Arg Pro Lys Pro Gln Gln Xaa Phe Xaa Leu Met
      332 1 5 10
      335 <210> SEQ ID NO: 16
      336 <211> LENGTH: 11
      337 <212> TYPE: PRT
      338 <213> ORGANISM: Artificial
      340 <220> FEATURE:
      341 <223> OTHER INFORMATION: Synthetic Construct
      344 <220> FEATURE:
W--> 345 <221> NAME/KEY: Residue
      346 <222> LOCATION: (7)..(7)
      347 <223> OTHER INFORMATION: Xaa = 3-(2-thienyl)-alanine
      349 <220> FEATURE:
W--> 350 <221> NAME/KEY: Residue
      351 <222> LOCATION: (11)..(11)
      352 <223> OTHER INFORMATION: Xaa = methionine-sulfone
      354 <400> SEQUENCE: 16
W--> 356 Arg Pro Lys Pro Gln Gln Xaa Phe Gly Leu Xaa
      357 1 5 10
      360 <210> SEQ ID NO: 17

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RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 08/21/2006

PATENT APPLICATION: US/10/549,665

TIME: 14:46:16

Input Set : A:\Revised Sequence Listing filed 2006-06-27.txt

Output Set: N:\CRF4\08212006\J549665.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; Xaa Pos. 11 ✓
Seq#:5; Xaa Pos. 9 ✓
Seq#:6; Xaa Pos. 7 ✓
Seq#:7; Xaa Pos. 8 ✓
Seq#:8; Xaa Pos. 7,8 ✓
Seq#:10; Xaa Pos. 3 ✓
Seq#:11; Xaa Pos. 9,11 ✓
Seq#:12; Xaa Pos. 8,11 ✓
Seq#:13; Xaa Pos. 7,9,11 ✓
Seq#:14; Xaa Pos. 8,9,11 ✓
Seq#:15; Xaa Pos. 7,9 ✓
Seq#:16; Xaa Pos. 7,11 ✓
Seq#:17; Xaa Pos. 7,8,9 ✓
Seq#:18; Xaa Pos. 7,8,9,11 ✓
Seq#:19; Xaa Pos. 7,8,11 ✓

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19

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Input Set : A:\Revised Sequence Listing filed 2006-06-27.txt

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L:43 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:2
L:49 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:91 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:5
L:97 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:111 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:6
L:117 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:131 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:7
L:137 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:151 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:8
L:156 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:8
L:162 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:190 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:10
L:196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:210 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:11
L:215 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:11
L:221 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:235 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:12
L:240 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:12
L:246 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:260 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:13
L:265 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:13
L:270 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:13
L:276 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:290 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:14
L:295 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:14
L:300 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:14
L:306 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:320 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:15
L:325 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:15
L:331 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:345 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:16
L:350 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:16
L:356 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:370 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:17
L:375 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:17
L:380 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:17
L:386 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:400 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:18
L:405 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:18
L:410 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:18
L:415 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:18
L:421 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:435 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:19
L:440 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:19
L:445 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:19
L:451 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0